

City of Santa Fe

Storm Water Management Plan



City of Santa Fe

Certification

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, information submitted is, to the best of my knowledge, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. Further, no department shall charge another department for costs incurred as assigned by this plan."

Jim Romero
City Manager
City of Santa Fe

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Executive Summary

This Storm Water Management Plan ("SWMP") outlines the City of Santa Fe's program to comply with the Environmental Protection Agency's ("EPA") Phase II mandate to improve storm water quality in accordance with the Clean Water Act of 1972. This program will serve to develop, implement, and enforce a storm water management program designed to reduce the discharge of pollutants to the maximum extent possible. The EPA has identified six minimum control measures that must be specifically addressed within this plan. The City must show **measurable goals** and **improvement** in six minimum areas. Recording these results and improvements will be the responsibility of each department. The six minimum areas are listed below and involve several City departments.

1. Public Education and Outreach on Storm Water Impacts.
2. Public Participation and Involvement.
3. Illicit Discharge Detection and Elimination.
4. Construction site Storm Water Runoff Control.
5. Post-Construction Storm Water Management in New Development / Redevelopment.
6. Pollution Prevention/Good Housekeeping.

The Best Management Practices ("BMP") listed here are minimum goals based on anticipated funding levels derived from a Storm Water Impact Fee. If additional funding should become available through federal or state grants, loans approved by the Managing Body, or in-kind services, minimum control measures could be increased. Any additional efforts made by any department with the ultimate goal of improving the quality of storm water will be documented and reported to the designated Storm Water System Manager.

Legal Authority

The City of Santa Fe will implement an ordinance providing the city with authority to control the quality of separate storm water discharge to its storm water sewer system. This will include runoff discharges into public rights-of-way (streets). Its authority will address both industrial and municipal discharges. The City of Santa Fe has both the fiscal authority and legal resources to fully implement this Storm Water Management Plan.

Permit Coverage Area

The SWMP encompasses all areas within the City of Santa Fe city limits covering over 37 square miles. The City of Santa Fe has a population of 62,200 residents, 92.2 miles of major Roadways and numerous Storm drain outfalls discharging into intermittent water courses ("arroyos"), with potential access to the waters of the United States.

Reporting Requirements

The City of Santa Fe will submit its required report annually during the first five year term of the permit cycle. The report will include the status of compliance with the permit conditions, an assessment of the suitability of the BMPs selected and progress towards achieving the measurable goals for each of the six minimum control measures. A summary of the activities the City of Santa Fe undertakes during the reporting cycle and any changes to this plan or its measurable goals and all relevant data obtained during the reporting period will be contained in the report.

Storm Water Management Program

The plan outlines the six minimum control measures that are expected to result in significant reductions in pollutants discharged by the City of Santa Fe. The water quality pollutants to be identified by grab samples and visual inspection are fecal coliform, yard waste, restaurant grease, oil, and suspended solids. The six minimum controls will address the identified water quality pollutants.

A. Minimum Control Measures

1. Public Education and Outreach on Storm Water Impacts.

The City of Santa Fe has chosen a mix of best management practices (BMPs) to address fecal coliform, yard waste, grease and oil and suspended solids. This control measure will target homeowners, restaurants, industry and the general public. An informed and knowledgeable community is crucial to the success of the storm water management program. As the public becomes aware of the personal responsibilities expected of them and others in the community, including the individual actions they can take to protect or improve the quality of area waters, a greater compliance with the storm water program will result. The plan has two major initiatives: the formation of partnerships and the use of educational materials.

a. Education Materials and Strategies

The City of Santa Fe will provide educational semi-annual environmental forums at a City conference room. The forum will give residents an opportunity to voice concerns, share resources and develop strategies in regard to local environmental issues (i.e., urban growth, scenic ways, flooding, and water quality issues). It will also provide industry with a forum in which to talk directly to residents about their environmental stewardship. The forum will provide a place for the training of municipal employees, residents and industry by the various State, Federal, County and City agencies. Education topics might include the benefits of permeable pavement, innovative residential development design for the building community, urban watershed planning, construction certification, open space design, pet waste ordinances, and design ideas for pet walkways. The educational materials will include, but will not be limited to, the following:

- (1) Brochures.
- (2) Recreational Guides to educate groups (sportsmen, hikers, etc.).
- (3) Alternative information sources (websites, bumper stickers, posters, etc.).
- (4) A library of educational materials.
- (5) Storm Drain stenciling program.

b. Reaching Diverse Audience

The public education program will use a variety of strategies in which to reach a diverse audience. Mass media campaigns will use a mix of media to generate a watershed message to our audience. Our local strategies will use various public service announcements, including multilingual posters. Our industrial outreach program will target

businesses and industries that significantly impact storm drains (restaurants and garages) through grease and oil releases. The school education program will target school age children in grades K through 12. Volunteer educators from Community Schools and local Universities will be encouraged to conduct workshops from their natural science departments. The classes will teach students the water cycle, the watershed, the benefits of composting and storm water runoff. The education effort will inform homeowners about the City of Santa Fe's recycling program, including proper disposal of used motor oil, chemicals, pesticides and household products.

c. Measurable Goals

<u>Target Date</u>	<u>BMP Activity</u>
3/03-2/04	<ol style="list-style-type: none"> 1. Solicit Storm Water Rule funding by way of grants, loans and in-kind services. 2. Establish calendar for meetings; 3. Media Relations will establish storm water hotline; create Public Service Announcements ("PSA") and brochures. 4. Creation of Storm Water Management System Manager position in Public Utilities Department to manage and facilitate this program. 5. Assess previously identified water quality problems that can be partially addressed through education. 6. Participate in community events and provide information. 7. Schedule speakers and establish class curriculums for public schools (composting and knowing your watershed).
3/04-2/05	<ol style="list-style-type: none"> 1. Solicit Storm Water Rule funding by way of grants, loans and in-kind services. 2. Develop and implement school curricula. 3. Multimedia PSAs created and website developed by Media Relations and ITT/MIS Department. 4. Proper use of pesticide and lawn chemical flyers distributed and posted at vendor locations. 5. Participate in community events and provide information. 6. Educational brochures and posters created to teach owners of restaurants and garages on proper disposal of grease and oil.
3/05-2/06	<ol style="list-style-type: none"> 1. Solicit Storm Water Rule funding by way of

grants, loans and in-kind services.

2. 25% of elementary school age children educated.
3. Continue educational visits by codes officers to educate 30% of restaurants and garages owners.
4. Document, the number of "clean up after your pets" signs posted in parks and neighborhoods.
5. Participate in community events and provide information.
6. Document the number of educational brochures given away to targeted industries and at community events

3/06-2/07

1. Solicit Storm Water Rule funding by way of grants, loans and in-kind services.
2. 50% of elementary school age children educated
3. Pesticide and lawn chemical information distributed through Public Information Office.
4. 25% increase in the number of "Clean Up After Your Pets" signs posted in parks and neighborhoods.
5. Continue to participate in community events and provide information.
6. Document the number of educational brochures given away to targeted industries and at community events.

3/07-12/07

1. Solicit Storm Water Rule funding by way of grants, loans and in-kind services.
2. 75% of elementary school age children educated.
3. Survey residents to determine the effectiveness of the Storm Water Management program.
4. Pesticide and lawn chemical information distributed through Public Information office.
5. 25% increase in the number of "Clean Up After Your Pets" signs posted in parks and neighborhoods.
6. Continue to participate in community events and provide information.
7. Document the number of educational brochures given away to targeted industries

and at community events.

2. Public Participation & Involvement

The City of Santa Fe's public participation control measure will have a large public component. Support by the citizenry is crucial to the success of the storm water management plan. The measure will involve all socio-economic groups. The public participation program is a key component of the public education measure. Broader public support in the development and decision making process will minimize potential legal challenges and maximize acceptance and cooperation.

a. Strategies

Public meetings will provide an opportunity to discuss various viewpoints and provide input concerning appropriate storm water management policies and BMPs. Community volunteer cleanup projects for local arroyos and riparian corridors will be targeted. Special cleanup events will be city sponsored. Recycling programs will be maintained to recycle glass, plastic, oil and antifreeze. These are the pollutant components identified in our storm drains and water bodies which can be recycled. A recycling program that targets these pollutants will have a major impact on improving our intermittent river and our arroyos. Intern programs for community youths to work at the water plant, the wastewater plant and other city department offices will be developed. Water, wastewater and storm water samples will be collected by the interns. The data can made available to citizens. This will give citizens first-hand knowledge of their local water bodies and an evaluative tool of their efforts. A phone hotline (428-3700) is maintained which can be utilized to aid enforcement authorities in the identification of polluters. An "Adopt a Storm Drain" program, similar to "adopt a median" programs will offer individuals and groups an opportunity to monitor what is entering our arroyos and to beautify our drainage systems.

b. Measurable Goals

<u>Target Date</u>	<u>BMP Activity</u>
3/03-2/04	1. Solicit Storm Water Rule funding by way of grants, loans and in-kind services.
	2. Publish Public Notices of upcoming meetings and event schedules in several different print media.
	3. Volunteers groups formed. Hotline in place.
	4. Stencil drain program implemented.
	5. Establish Acceptance program for handling, storage, and disposal of lead-acid batteries at recycling center.
	6. Document the amount of materials recycled.
3/04-2/05	1. Solicit Storm Water Rule funding by way of grants, loans and in-kind services.
	2. Intern programs developed.

3. Water quality samples taken and the results published.
 4. Citizen watch groups established.
 5. 20% of storm drains stenciled.
 6. Hazardous waste receiving and recycling implemented at recycling center.
 7. Confine loading and unloading activities to a designated area at recycling center.
 8. Document the number of calls received by hotlines.
 9. Document the number of problems/incidents resolved as a result of hotlines.
- 3/05-2/06**
1. Solicit Storm Water Rule funding by way of grants, loans and in-kind services.
 2. Document the number of participants volunteering for river and arroyo clean ups from previous year.
 3. 60% of storm drains stenciled.
 4. Provide Non-Recyclable covered waste storage bins and containers.
 5. Document the number of problems/incidents resolved as a result of hotlines.
- 3/06-2/07**
1. Solicit Storm Water Rule funding by way of grants, loans and in-kind services.
 2. 80% of storm drains stenciled.
 3. Provide covered disposal containers or equivalent for residual waste materials at recycling center.
- 3/07-12/07**
1. Solicit Storm Water Rule funding by way of grants, loans and in-kind services.
 2. All storm drains stenciled.
 3. Water quality grab samples taken tested for fecal-coliforms and TSS, results cataloged and compared to earlier samples.
 4. Measurable decrease in the concentration levels of the identified pollutants.
 5. Document the actions taken as a result of the creation of the Storm Water Management Plan.

3. Illicit Discharge Detection and Elimination

The illicit discharge detection measure will involve both municipal staff and local citizens. The City of Santa Fe Codes Enforcement staff will locate illicit

discharge problems areas through public complaints, visual screening, and dry weather screening methods. The program will work to detect and eliminate illicit discharges.

a. Strategies

A Geographic Information System ("GIS") owned by the City of Santa Fe will be used to map the location of all storm sewer lines and outfalls and all the arroyos that receive storm water discharges. This information will be made available to interested and/or involved parties through the city wide network. The City of Santa Fe will maintain an accurate map of the storm sewer system. Utilizing the City's Global Positioning System ("GPS") survey equipment, all outfalls which discharge into a recognized arroyo will be accurately mapped for monitoring. An accurate map of the various aspects of the storm water system (catch basins, pipes, culverts and other storm water structures) will also be created. Large amounts of information will be generated over time which can be utilized to identify water quality trends and generate reports. The City of Santa Fe will catalog historical sampling data. The data will be available to field personnel during inspections. This data will be key in identifying those areas of the city that have a high occurrence of illicit discharges. Other City of Santa Fe service groups (i.e., Building Code Enforcement, Sewer Maintenance, and the Fire Department) data will also be incorporated. The GIS will also allow the input of citizen complaint locations, dry weather screening, and monitoring data. A "right of entry" ordinance will be enacted to allow municipal employees access on private property for inspection in locating potential sources of illicit industrial discharges. The enforcement actions that will be taken against those properties found to be in non-compliance or that refuse to allow access to their facilities will be varied. They can range from simple cease and desist orders to suspension of water or sewer service, criminal and/or civil penalties, including charging the owner of the property for the cost of abatement. The Storm Drain System Manager will request that the industrial facilities and wastewater treatment plants in the area submit their sampling and monitoring results. This data will be included in the GIS for reference. If future sampling results show elevated levels of a particular pollutant then the City can focus its investigation to determine the source of the illicit discharge. Codes enforcement officers will begin the inspection of all commercial business for illicit discharges and compliance to the City's ordinance. They will begin this inspection beginning with businesses which have the highest potential to impair water quality such as, restaurants, gas & service stations, cleaners, etc.

b. Measurable Goals

<u>Target Date</u>	<u>BMP Activity</u>
3/03-2/04	1. Solicit Storm Water Rule funding by way of grants, loans and in-kind services.
	2. Create and maintain current Storm Drain System Map.
	3. Recycling program for household hazardous

- waste in place.
4. "Right of entry" ordinance in place.
 5. Begin Commercial Business inspection program.
- 3/04-2/05**
1. Solicit Storm Water Rule funding by way of grants, loans and in-kind services.
 2. 33% of outfall mapping efforts completed.
 3. Fifteen percent of discovered illicit sources disconnected.
 4. Outfall inspection program begun by Public Works Department. Document any dry weather flows found.
 5. Document the number of citizen complaints of illicit dumping into storm drains and the results of actions taken.
 6. Continue Commercial business inspection program; follow up on discoveries and record actions taken.
- 3/05-2/06**
1. Solicit Storm Water Rule funding by way of grants, loans and in-kind services.
 2. 50% of outfall mapping efforts completed.
 3. 35% of discovered illicit sources disconnected.
 4. Continue to document the number of citizen complaints of illicit dumping into the storm drain system and the results of actions taken.
 5. Continue commercial business inspection program; follow up on discoveries and record actions taken.
- 3/06-2/07**
1. Solicit Storm Water Rule funding by way of grants, loans and in-kind services.
 2. 75% of outfall mapping efforts completed.
 3. 50% illicit discharges eliminated.
 4. Document results of outfall inspection program.
 5. Continue to document the number of citizen complaints of illicit dumping into the storm drain system and the results of actions taken.
 6. Continue commercial business inspection program; follow up on discoveries and record actions taken.
- 3/06-12/07**
1. Solicit Storm Water Rule funding by way of grants, loans and in-kind services.

2. 100% of outfall mapping efforts completed.
3. 70% of illicit discharges eliminated.
4. Continue to document the number of citizen complaints of illicit dumping into the storm drain system and the results of actions taken.
5. Document results of outfall inspection program.
6. Continue commercial business inspection program; follow up on discoveries and record actions taken.

4. **Construction Site Runoff Control**

The City of Santa Fe recognizes that construction sites can deposit a significant amount of silts and sediments in a short period of time. The Phase II Rule requires the City to develop and enforce a storm water management program which will manage these deposits. The City will adopt an ordinance focusing on Erosion and Sediment Control of construction pollutants in its storm water runoff. The ordinance will require that land disturbance of one or more acres submit an erosion control plan. It will require developers to submit a plan that contains measures to reduce soil erosion and practices to control sediments that have already eroded. The City already requires the approval of submitted construction plans prior to ground being broken and will now require erosion control measures for all construction, including residential. If construction commences prior to the approval of the plans, potentially heavy fines can be levied. The City of Santa Fe will also dedicate existing staff for plan review and inspection. Once a plan is reviewed and approved by the City, City staff's job will be to ensure that the Erosion Control Plan is followed. A checklist will be completed periodically for every construction permit. An ordinance will require the developer to install and maintain those specified measures and practices agreed to in the plan. Sites may be inspected for compliance and if found lacking, an inspector may issue a permit violation, stop work order, fine or other measure to ensure compliance. Area-wide measures will be instituted to reduce impervious cover. The City of Santa Fe is considering adopting smart growth initiatives to promote open space and native landscaping. Additionally, the City of Santa Fe provides mass transit in the form of buses and bicycle routes within the city. Concentrating development along public transportation corridors could result in the development of fewer roads and less vehicle miles traveled.

a. **Measurable Goals**

<u>Target Date</u>	<u>BMP Activity</u>
3/03-2/04	<ol style="list-style-type: none"> 1. Solicit Storm Water Rule funding by way of grants, loans and in-kind services. 2. Construction site runoff ordinance in place. 3. Procedures for information submitted by the public in place. 4. Staff additions and/or assignments as needed. 5. Area wide measures introduced to reduce

		impervious cover.
	6.	Building permit fees increased by 5% to cover additional inspection responsibilities.
3/04-2/05	1.	Solicit Storm Water Rule funding by way of grants, loans and in-kind services.
	2.	Procedures for site inspections implemented.
	3.	Document the number of inadequate site plans reported by inspectors.
	4.	List the number of stop work orders given.
	5.	Document the number of BMP information brochures given to contractors.
	6.	Document the amount of naturally vegetated land area preserved.
	7.	Document increase in the number of bus passengers.
3/05-2/06	1.	Solicit Storm Water Rule funding by way of grants, loans and in-kind services.
	2.	Document the number of enforcement actions taken.
	3.	Document the number of BMP information brochures given to contractors.
	4.	List the number of inadequate site plans reported by inspectors.
	5.	Document the increase in the miles of bicycle routes established within the city.
	6.	Document the number of enforcement actions taken.
3/06-2/07	1.	Solicit Storm Water Rule funding by way of grants, loans and in-kind services.
	2.	Document the number of inadequate site plans reported by inspectors.
	3.	Document the number of enforcement actions taken.
	4.	Document the number of BMP information brochures given to contractors.
	5.	List the amount of bicycle path miles established.
	6.	Document the amount of naturally vegetated land area preserved.
	7.	Document increase in the number of bus passengers.
3/07-12/07	1.	Solicit Storm Water Rule funding by way of

grants, loans and in-kind services.

2. Maximum compliance with ordinance.
3. Document improved clarity and reduced sedimentation levels in local water bodies.

5. **Post-Construction Runoff Control**

The City of Santa Fe proposes to address the Post-Construction Runoff Measure with structural and non-structural BMPs. The controls seek to reduce the amount of impervious cover by increasing natural land set-asides for conservation and to use pervious areas for more effective storm water management. The City of Santa Fe is looking at ways to reduce the amount of runoff in new subdivisions. One such way could be re-evaluation of the drainage standards to encourage regional ponds and parks. This will provide additional pervious area and native flora and fauna. The net increase of scenic features will positively impact neighborhoods aesthetically, and increase residential property values. Open space will be managed by the City of Santa Fe Parks Division. Some may be privately maintained or managed by the Public Works Street Systems department as defined by new drainage standards. This will establish a legal entity responsible for both the natural and recreational open space. An arroyo buffer directive will be encouraged by City development staff which could provide for riparian areas being restored with native vegetation. The zone would be 50'-100' wide on both sides of the bank. The buffer should (if possible) include the 100-year flood plain delineation. Structural BMPs include the use of dry-ponds which will principally be used in the urban environment. This technology has the benefit of being retrofitted in the developed portions of the City. The use of porous pavement in 10% of municipal projects is being considered. The proposed recommendation would authorize that ten-percent of municipal resurfacing projects would utilize porous cement. However, numerous considerations will be required to determine the feasibility for its use.

a. **Measurable Goals**

<u>Target Date</u>	<u>BMP Activity</u>
3/03-2/04	1. Solicit Storm Water Rule funding by way of grants, loans and in-kind services.
	2. Ordinance or other regulatory mechanism in-place for alternative pavers (subject to feasibility study results).
	3. Strategies developed that include both structural and non-structural BMPs.
	4. Arroyo buffer zone ordinance in place.
3/04-2/05	1. Solicit Storm Water Rule funding by way of grants, loans and in-kind services.
	2. Urban water quality project developed and implemented.
	3. Porous pavement studies begin.
	4. Document the reduction of impervious cover.

5. Document the number of arroyo miles modified and vegetated.
 6. Document changes in water quality as a result of runoff leaving buffer areas.
 7. Document the amount of acreage preserved as buffers.
- 3/05-2/06**
1. Solicit Storm Water Rule funding by way of grants, loans and in-kind services.
 2. Document the reduction of impervious surfaces associated with new and redevelopment projects.
 3. Evaluation of the effectiveness of ponding systems.
 4. Document the reduction of impervious cover.
 5. Document the number of arroyo miles modified and/or vegetated.
 6. Document the amount of acreage preserved as buffers.
- 3/06-2/07**
1. Solicit Storm Water Rule funding by way of grants, loans and in-kind services.
 2. Document the reduction in impervious cover in landscaping areas.
 3. List the amount of arroyo miles modified and vegetated
- 3/07-12/07**
1. Solicit Storm Water Rule funding by way of grants, loans and in-kind services.
 2. 10% of municipal projects utilize porous cement (subject to feasibility studies).
 3. Document the amount of acreage preserved as buffers.

6. **Pollution Prevention/Good Housekeeping**

The City of Santa Fe Pollution Prevention/Good Housekeeping Measure for municipal operations program goal is to reduce pollutant runoff from municipal operations. The vehicle maintenance program requires that all city-owned vehicles be regularly inspected to eliminate the amount of oil, grease, and fluid leaks. The vehicle list will be posted and available for public viewing. Street sweeping will be performed on all city streets at a frequency based on the most traveled streets and busy intersections being cleaned more often than lesser traveled ones. Outfalls will be regularly checklist inspected, trouble outfalls will also be inspected and maintained after every storm event. The City of Santa Fe Public Works Department, Streets Division will strive to use only vacuum-equipped street cleaners for all street cleaning. An Integrated Pest Management ("IPM") brochure for city residents to find alternatives for traditional chemical pesticides will be offered. A community education program will teach residents xeriscaping, non-chemical pest control, and removal of

pests by non-chemical means. Lawn pesticide application brochures will be available to municipal employees and city residents. City of Santa Fe Park and Recreation Department will institute a pesticide reduction program. The plan calls for a feasible reduction in pesticides and herbicides applied over the next four (4), years at all municipal parks and buildings.

a. Measurable Goals

<u>Target Date</u>	<u>BMP Activity</u>
3/03-2/04	<ol style="list-style-type: none"> 1. Solicit Storm Water Rule funding by way of grants, loans and in-kind services. 2. Vehicle maintenance program in place (list posted). 3. Identify potentially hazardous materials utilized in City operations, their characteristics and use. 4. Street sweeping and outfall cleaning continued. 5. Records kept to identify quantity, receipt date, service life, users and disposal routes for containerized materials storage. 6. Storm drains with high pollutant loadings will be inspected after every storm event.
3/04-2/05	<ol style="list-style-type: none"> 1. Solicit Storm Water Rule funding by way of grants, loans and in-kind services. 2. City Park and Recreation Department pesticide program initiated. 3. The assigning and/or hiring of additional staff to monitor municipal operations. 4. Document the number of IPM brochures distributed to citizens. 5. Document the number of municipal employees trained in IPM awareness. 6. List the number of outfalls cleaned and the amount of trash removed. 7. Document the number of miles of street cleaned and the amount of trash removed from streets. 8. Document the reduction in pesticides and herbicides.
3/05-2/06	<ol style="list-style-type: none"> 1. Solicit Storm Water Rule funding by way of grants, loans and in-kind services. 2. Document the number of IPM brochures distributed to citizens. 3. Document the number of municipal employees trained in IPM awareness.

4. List the number of outfalls cleaned and the amount of trash removed.
 5. Document the number of miles of street cleaned and the amount of trash removed from streets.
 6. Document the number of municipal employees trained in lawn pesticide application.
 7. List the number of preventative maintenance procedures performed on city owned vehicles.
- 3/06-2/07**
1. Solicit Storm Water Rule funding by way of grants, loans and in-kind services.
 2. Determine the effectiveness of the pollution prevention program.
 3. Document the number of IPM brochures distributed to citizens.
 4. Document the number of municipal employees trained in IPM awareness.
 5. List the number of outfalls cleaned and the amount of trash removed.
 6. Document the number of miles of street cleaned and the amount of trash removed from streets.
 7. Document the reduction in pesticides and herbicides use.
- 3/07-12/07**
1. Solicit Storm Water Rule funding by way of grants, loans and in-kind services.
 2. Document the number of IPM brochures distributed to citizens.
 3. Document the number of municipal employees trained in IPM awareness.
 4. List the number of outfalls cleaned and the amount of trash removed.
 5. Document the number of miles of street cleaned and the amount of trash removed from streets.
 6. Document the reduction in pesticides and herbicides use.
 7. If funding is available the City will establish a river and arroyo restoration program consisting of water retardation structures such as rip-rap embankments, swales, check dams, etc. The City will encourage re-vegetation activities by volunteer groups.

Tasks Assigned by Department: (5 Year Plan)

A. Public Utilities Department: Responsible Party – Department Director (Storm Water Management System Manager)

1. Creation or assignment of Storm Water System Manager position.
2. Compliance Monitoring and record keeping of assigned tasks.
3. Provide person for public education program. (Maximum once per month.)
4. Program initiated to allow community youths to work at water and wastewater facilities.

B. Public Utilities Department: Responsible Party – Environmental Regulations Compliance Officer

1. Sampling of storm water records kept.
2. Identify potentially hazardous materials, their characteristics and use.
3. Completion of annual report to EPA documenting progress of this plan.
4. Testing of grab samples for fecal-coliforms and TSS, further tests if required by EPA.
5. Document the number of IPM brochures distributed to citizens.
6. Document the number of municipal employees trained in IPM.

C. Wastewater Division, Public Utilities Department: Responsible Party – Director Wastewater Division

1. Provide video equipment/operator for detection of illicit discharges if needed.

D. Public Works Department: Responsible Party – Director

1. Creation or assignment of Storm Drain Monitor Position.
2. Construction inspection for municipal projects.
3. Provide person for public education program (maximum once per month).
4. Provide signage for arroyos and Santa Fe River.
5. Compliance monitoring and record keeping of assigned tasks.
6. Complete and maintain current map of storm drain system.
7. Map location of all outfalls.
8. Begin documented outfall inspection record.
9. Dry weather outfall inspection and record keeping of results.
10. Provide supporting information for PIO and public communications as needed.
11. List the amount of bicycle path miles established.
12. Street sweeping and outfall cleaning records kept.
13. Inspect storm drains with high pollutant loadings after every storm event.
14. Document the number of miles of streets cleaned and the amount of trash

removed.

E. Solid Waste Division, Public Works Department: Responsible Party - Director

1. Records kept to identify quantity, receipt date, service life, users and disposal routes for containerized materials storage.
2. Continue to operate recycling center.
3. Continue to receive yard waste from individual residents.
4. Begin hazardous material exchange program. Educate public regarding these services.
5. Establish acceptance program for handling, storage and disposal of lead-acid batteries.
6. Document the amount of materials recycled.
7. Hazardous waste receiving and recycling implemented at recycling center.
8. Confine loading and unloading activities to a designated area at recycling center.
9. Provide non-recyclable covered waste storage bins and containers.
10. Provide covered disposal containers for residual waste materials at recycling center.

F. Transit Division, Public Works Department: Responsible Party - Director

1. Document city bus rider totals and any increase in riders during the permit period.

G. Community Development: Planning and Land Use Department Responsible Party – Director

1. Compliance Monitoring and record keeping of assigned tasks.
2. Construction Inspection for Commercial and Residential Construction.
3. Provide person for public education program. (Maximum once per month).
4. Update Building Code to require Erosion Control Plan for all construction Inspection of Erosion Control Plans.
5. Enforcement of EPA Storm Water Management Plan regulations.
6. Community education brochures will teach residents xeriscaping, non-chemical pest control, and removal of pests by non-chemical means.
7. Procedures for site inspections implemented.
8. Document the number of inadequate site plans reported by inspectors.
9. List the number of stop work orders given.
10. Schedule of inspection of privately maintained storm drain and ponding systems.
11. Document the number of BMP information brochures given to contractors.
12. Document the amount of naturally vegetated land area preserved.
13. Building permit fees increased by 5%.
14. Initiation of "Adopt-A-Storm Drain" Program.

15. Inspection of Erosion Control Plans.
16. Schedule walk-through inspection/education visits to commercial businesses (twice per month minimum).
17. Implementation of ordinances as referenced in the City Storm Water Ordinance.

H. Motor Pool, Finance Department: Responsible Party – Department Director

1. Vehicle maintenance program in place (list posted).
2. List number of preventative maintenance procedures performed on city owned vehicles
3. Compliance monitoring and record keeping of operations and utility fleet.

I. Parks and Recreation Department: Responsible party – Department Director

1. Compliance Monitoring and record keeping of assigned tasks.
2. Provide person for public education program. (Maximum once per month).
3. Provide pet waste signage and baggies in parks.
4. Identify potentially hazardous materials utilized by department staff, their characteristics and use.
5. Records kept to identify quantity, receipt date, service life, users and disposal routes for containerized materials storage.
6. Parks and Recreation maintained storm drains will be inspected after every storm event.
7. Document the number of municipal employees trained in lawn pesticide application.
8. Document the reduction in pesticides and herbicides use.

J. Public Information Office: Responsible Party – Media Manager

1. Record keeping of assigned tasks.
2. Provide person for public education program. (Maximum once per month).
3. Printing of brochures, information sheets for residents and businesses.
4. Development and implementation of public service announcements for radio, television and print media.
5. Maintain a Storm Water Hotline and document results.
6. Advertisement of Storm Water Hotline in City Publications.
7. Creation and maintenance of website.
8. All above in Bilingual form.

K. Fire: Responsible Party – Fire Chief

1. Reduce pollutants during spill cleanup and Non-Emergency activity.
2. Provide person for public education program. (Maximum once per month).

L. Law Enforcement: Responsible Party – Chief of Codes Enforcement

1. Compliance Monitoring and record keeping of assigned tasks.

2. Provide person for public education program. (Maximum once per month).

M. Legal: Responsible Party – City Attorney

1. Prosecution of violators.

N. Administration: Responsible Party – City Manager

1. Ensure City of Santa Fe compliance with the Storm Water Management Rule.
2. Ensure program education of municipal employees.
3. Records kept of those educated.